

25X1A

-2341-63  
Copy 7 of 7

8 March 1963

**MEMORANDUM FOR THE RECORD**

**SUBJECT : OXCART Flight Tests**

1. Aircraft #123 (equipped with J-75 engines) made flight #51, 7 March, for a duration of two hours and twelve minutes with an Agency pilot at the controls. The purpose was to flight test the inertial navigation system and the automatic direction finding equipment. The pilot reports that due to weather conditions it was necessary to deviate from the prescribed course in order to see the ground and identify checkpoints. The inertial navigation system, according to the pilot, worked throughout the flight. An error analysis of accuracies of the system is underway. The automatic direction finder equipment was turned on at 100 and 125 nautical miles away from  and worked satisfactorily. The landing was normal. 25X1A

2. A preliminary flash report received from  25X1A indicates that aircraft #122 (J-58 engines) made flight #6, 8 March, for a duration of thirty-four minutes, with a Lockheed test pilot at the controls. A top speed of Mach 2.45 and altitude in excess of 62,000 feet were reached. This is the top speed thus far attained.

**JOHN PARANGOSKY**  
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(Special Activities)

John Parangosky:C/DD/OSA:haj (8 March 1963)

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